

EXHIBIT #8: SCREENING CRITERIA FOR EARLY ALTERNATIVES ARRAY

LEVEE UNIT	Alternatives Considered	Engineering adequacy	Planning Objectives	Planning Constraints	Acceptability	Early Cost Indicators	Floodway Conveyance	Induced damages	Contamination Constraints	Constructability	Site Constraints	Screening Decisions (carry alternative forward for further economic analysis?)
ARGENTINE	Arg nominal 500+0 raise	+	+	+	+	+	+	-	+	+	+	Carry forward
	Arg nominal 500+3 raise (NED)	+	+	+	+	+	+	-	+	+	+	Carry forward
	Arg nominal 500+5 raise	+	+	+	+	+	+	-	+	+	-	Carry forward
	Arg No Raise, Pump Stations Only	/	/	+	+	+	+	+	+	+	+	Carry forward
	Flood fight	-	-	-	/	+	+	+	+	NA	-	Eliminate
	Tree Clearing along Foreshore	-	-	/	-	+	+	+	-	+	+	Eliminate
	Tree Clearing + Channel Mods	/	/	/	-	+	+	+	-	+	+	Eliminate
	No Federal Action	-	-	-	-	+	+	+	+	NA	NA	Eliminate
FAIRFAX-JERSEY CREEK (2 sites)	<u>BPU Floodwall Site</u>											
	Mod Wall (Add Piles & Buttress)	+	+	+	+	+	+	NA	NA	/	+	Carry forward
	Combo Wall (some new & some	+	+	+	+	+	+	NA	NA	/	+	Carry forward
	New Wall	+	+	+	+	+	+	NA	NA	-	-	Eliminate
	Jet Grouting Existing Wall	-	-	+	+	+	+	NA	NA	-	+	Eliminate
	Replace Floodwall w/ Earth Levee	+	+	+	-	+	+	NA	NA	-	-	Eliminate
	Temp Fill Behind Wall (flood fight)	-	-	-	/	+	+	NA	NA	NA	-	Eliminate
	No Federal Action	-	-	-	-	+	+	NA	NA	NA	NA	Eliminate
	<u>IC Sheetpile Wall &amp; Wharf Area Site</u>											
	Flood fight	-	-	-	/	+	+	NA	NA	NA	-	Eliminate
	New Closed Cell Sheetpile Wall	+	+	+	+	+	+	NA	NA	/	+	Carry forward
	New Wall — Auger Cast Piles	+	+	+	+	-	+	NA	NA	/	-	Carry forward
	New Open Cell Sheetpile Wall	+	+	+	+	+	+	NA	NA	/	+	Carry forward
	No Federal Action	-	-	-	-	+	+	NA	NA	NA	NA	Eliminate
	<u>Harlem Site</u>											
	Flood fight	-	-	-	/	+	+	NA	NA	NA	-	Eliminate
NORTH KANSAS CITY (2 sites)	Landside Seepage Berm	+	+	-	-	-	+	NA	NA	-	-	Carry forward
	Buried Collector System	+	+	+	+	+	+	NA	NA	+	/	Carry forward
	Pressure Relief Well System	+	+	+	+	+	+	NA	NA	+	+	Carry forward
	No Federal Action	-	-	-	-	+	+	NA	NA	NA	NA	Eliminate
	<u>National Starch Site</u>											
	Relief Well System	+	+	+	+	+	+	NA	NA	+	+	Carry forward
	Flood fight	-	-	-	/	+	+	NA	NA	NA	-	Eliminate
	Landside Seepage Berm	+	+	-	-	-	+	NA	NA	-	-	Eliminate
	Buried Collector System	-	-	+	+	+	+	NA	NA	+	/	Eliminate
	No Federal Action	-	-	-	-	+	+	NA	NA	NA	NA	Eliminate
EAST BOTTOMS (MO & Blue confluence site)	Flood fight	-	-	-	/	+	+	NA	+	NA	-	Eliminate
	Sheetpile Wall	+	+	+	+	-	+	NA	+	-	+	Carry forward
	Slurry Cut-Off Wall	+	+	+	/	/	+	NA	+	-	+	Carry forward
	Pressure Relief Wells	+	+	+	+	+	+	NA	/	+	+	Carry forward
	No Federal Action	-	-	-	-	+	+	NA	+	NA	NA	Eliminate

Screening Criteria

Engineering adequacy  
Contribution to planning objectives  
Consistency with planning constraints  
Environment/cultural & public acceptability  
Early Cost Indicators  
Benign to floodway conveyance  
Induced damages considerations  
Contamination Constraints or Impacts  
Constructability (quality construction at reasonable price)  
Adapts readily to site constraints

Codes

+ = positive (desirable) implications based on the specific screening criteria  
- = negative (undesirable) implications based on the specific screening criteria  
NA = screening criteria not applicable  
/ = neutral implications based on the specific screening criteria